



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Vintage Ironworks, LLC
987 Josiane Court, Suite 1062,
Altamonte Springs, FL 32701

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION:

Series 9'10" S/E Outswing Glazed Steel French Door W/ & W/O Transoms & Sidelites -- L.M.I.

APPROVAL DOCUMENT: Drawing No. VIN0001, titled series "Steel Outswing Doors w/ & w/o Sidelights & Transoms", sheets 01 through 15 of 15, dated 07/22/08 with revision "F" dated 04/13/14, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E., bearing the Miami-Dade County Product Control Section Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

REVISION of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA No. 12-0604.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
6/11/14

NOA No. 14-0421.02
Expiration Date: April 15, 2019
Approval Date: June 19, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 08-0807.21)
2. Drawing No. VIN0001, titled series "Steel Outswing Doors w/ & w/o Sidelights & Transoms", sheets 01 through 15 of 15, dated 07/22/08 with revision "F" dated 04/13/14, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P. E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of Steel Outswing Doors w/ & w/o Sidelights & Transoms, prepared by National Certified Testing Laboratories, Inc., Test Report No. NCTL 210-3485-1, dated 12/04/07, signed and sealed by Gerard J. Ferrara, P. E.
(Submitted under previous NOA No. 08-0807.21)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004/2007, prepared by PTC, LLC, dated 07/15/08, signed and sealed by Paul E. Winter, P. E.
(Submitted under previous NOA No. 08-0807.21)
2. Glazing complies with ASTM E 1300-02/98

D. QUALITY ASSURANCE

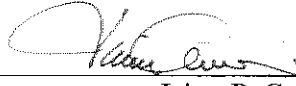
1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 12-1231.09 issued to Eastman Chemical Company (MA) for their "Saflex HP Clear or Color Glass Interlayers" dated 03/28/13, expiring on 04/14/18.

F. STATEMENTS

1. Statement letter of no financial interest, conformance to and complying with FBC 5th Edition (2014), issued by PTC, LLC, dated 04/13/14, prepared, signed and sealed by Robert J. Amoruso, P. E.


Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0421.02
Expiration Date: April 15, 2019
Approval Date: June 19, 2014

Vintage Ironworks, LLC


NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

2. Statement letter of no financial interest, conformance to and complying with **FBC-2010**, issued by PTC, LLC, dated 05/10/12, prepared, signed and sealed by Robert J. Amoruso, P. E.
(Submitted under previous NOA No. 12-0604.02)
3. Laboratory compliance letter for Test Report No. **NCTL 210-3485-1**, dated 12/04/07, issued by National Certified Test Laboratory, Inc., signed and sealed by Gerard J. Ferrara, P. E.
(Submitted under previous NOA No. 08-0807.21)
3. Proposal issued by the Product Control Section, dated 09/04/07, signed by Ishaq Chanda, P. E.
(Submitted under previous NOA No. 08-0807.21)

G. OTHERS

1. Notice of Acceptance No. **12-0604.02**, issued to Vintage Ironworks, LLC for their Series "**Steel Outswing Doors with & without Sidelights & Transoms - L.M.I.**", approved on 08/02/12 and expiring on 04/15/14.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0421.02

Expiration Date: April 15, 2019


Approval Date: June 19, 2014


VINTAGE IRONWORKS

STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOMS

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE 2010 AND 2014 FLORIDA BUILDING CODE (FBC), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS, AND AT THE DESIGN PRESSURES STATED HEREIN. 
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT #NCTL-210-3485-1 DATED 12-04-07, AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
3. THE PRODUCT HAS BEEN EVALUATED FOR CONFORMANCE TO THE STANDARDS LISTED IN THE FLORIDA BUILDING CODE (FBC) AND IS IN COMPLIANCE WITH SAID STANDARDS, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS.
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
5. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
6. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED FOR USE WITH THIS DOCUMENT.



7. IN HVHZ AREAS, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE HVHZ REQUIREMENTS OF THE FBC IS NOT REQUIRED FOR THE PRODUCT(S) HEREIN.
8. DOOR FRAME AND PANEL MATERIAL: 14 GA. STEEL
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1 SEE SHEET 7 FOR GLAZING DETAILS. 
10. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
11. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN, EXCEPT IN WOOD.


INSTALLATION NOTES:


1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. AT EACH INSTALLATION ANCHOR, SHIM GAPS THAT ARE EQUAL TO OR GREATER THAN 1/16". MAXIMUM ALLOWABLE SHIM SIZE IS 1/4".
4. FOR INSTALLATION INTO WOOD FRAMING, USE #14 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 5/16 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 3/4 INCH MINIMUM EMBEDMENT.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING).
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.

9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER BELOW.

10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

- A. WOOD - PT SOUTHERN YELLOW PINE - MINIMUM SPECIFIC GRAVITY OF 0.55.
- B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2899 PSI AND COMPLIES WITH ACI 301. 
- C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90. 

11. THE STRUCTURAL PERFORMANCE TEST REPORT INDICATES THAT HINGE FRAME SCREWS WERE NOT REPLACED WITH ADDITIONAL INSTALLATION ANCHORS  SCREWS DURING PRODUCT TESTING. HINGE INSTALLATION, USING TESTED HINGE SCREWS, IS QUALIFIED BY SATISFACTORY TEST PERFORMANCE.

12. ALUMINUM IN CONTACT WITH WOOD OR OTHER ABSORBING MATERIALS WHICH MAY BECOME REPEATEDLY WET SHALL BE PAINTED WITH TWO COATS OF ALUMINUM METAL-AND-MASONRY PAINT OR A COAT OF HEAVY-BODIED BITUMINOUS PAINT, OR THE WOOD OR OTHER ABSORBING MATERIAL SHALL BE PAINTED WITH TWO COATS OF ALUMINUM HOUSE PAINT AND THE JOINTS SEALED WITH A GOOD QUALITY CAULKING COMPOUND. WHERE ALUMINUM IS IN CONTACT WITH TREATED WOOD, WOOD SHALL BE TREATED WITH PENTACHLOROPHENOL, 5 PERCENT MINIMUM CONCENTRATION, CREOSOTE, OR ZINC NAPHTHANATE, FOLLOWING THE PROTECTIVE MEASURES OUTLINED ABOVE. 

13. ALUMINUM IN CONTACT WITH STEEL SHALL BE PROTECTED AS FOLLOWS:

- A. PAINTING DISSIMILAR METALS WITH ZINC-CHROMATE PRIMER AND 2 COATS ALUM METAL-AND -CONCRETE PAINT, EXCLUDING LEAD PIGMENTATION.
- B. PAINTING DISSIMILAR METALS WITH HEAVY-BODIED BITUMINOUS PAINT.
- C. APPLYING A NONABSORPTIVE TAPE OR GASKET
- D. HOT-DIP GALVANIZING OR ZINC-PLATING STEEL MEMBERS AFTER FABRICATION

TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	F	GENERAL NOTES, INSTALLATION NOTES & D.P. CHART
2	D	ELEVATION & ANCHOR LAYOUT
3	D	ELEVATION & ANCHOR LAYOUT
4	D	ELEVATION & ANCHOR LAYOUT
5	D	VERTICAL SECTIONS
6	C	VERTICAL AND HORIZONTAL SECTIONS
7	F	HORIZONTAL SECTIONS AND GLAZING DETAILS
8	D	HORIZONTAL SECTIONS
9	-	HORIZONTAL SECTIONS
10	D	VERTICAL SECTIONS
11	C	VERTICAL AND HORIZONTAL SECTIONS
12	C	HORIZONTAL SECTIONS
13	A	QUALIFIED CONFIGURATIONS
14	F	COMPONENTS AND BILL OF MATERIALS
15	D	WELDING SCHEDULE AND DETAILS

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	LARGE MISSLE IMPACT
±45.0	±80.0	

Robert J. Amoroso, P.E.
FL P.E. No. 49752

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 14-04210
Exempted Document
By: [Signature]
Miami: Dade Product Control

FBPE Certificate of Authorization No. 259935

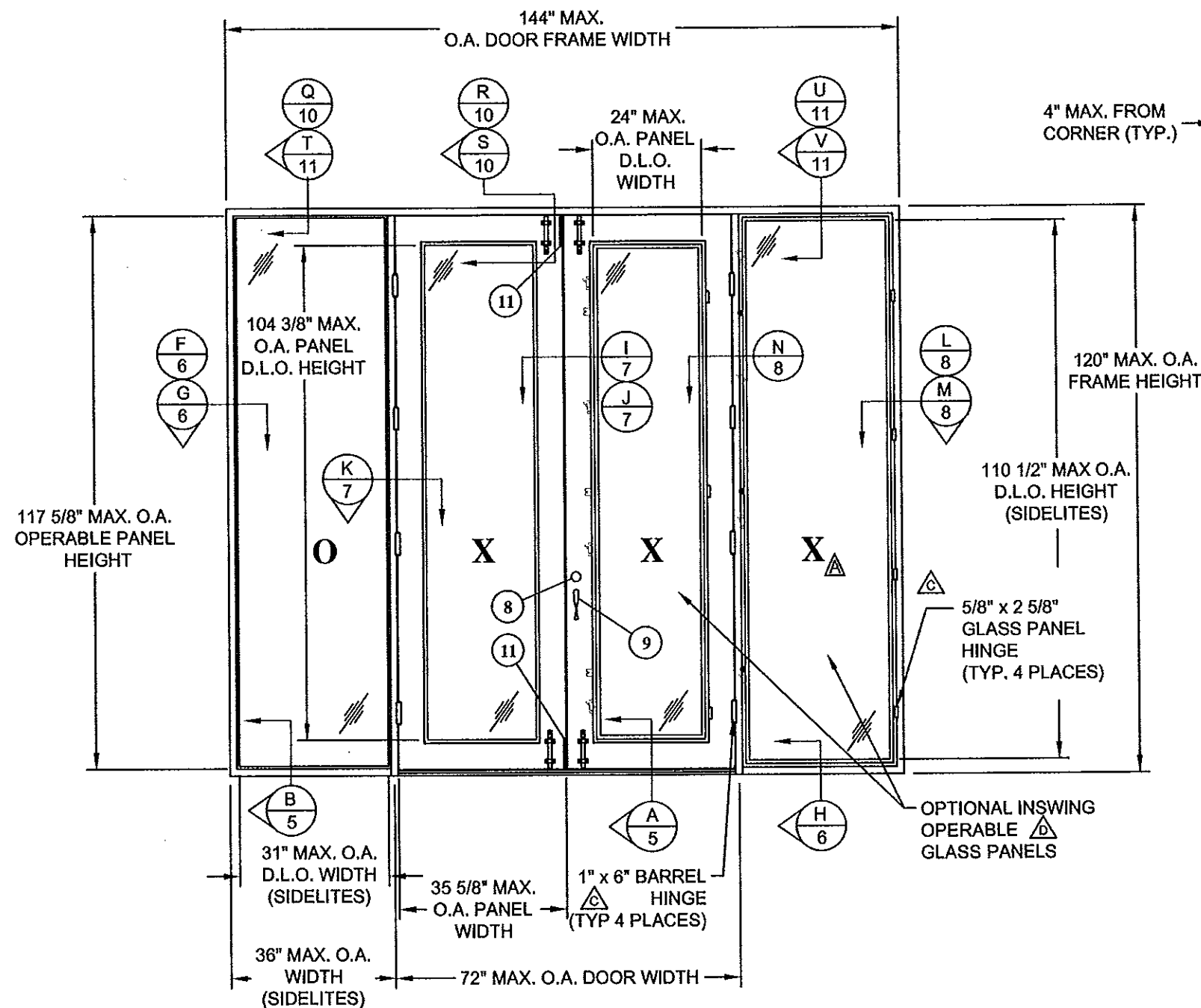
VINTAGE IRONWORKS
4460 N. GOLDENROD RD., SUITE 102
WINTER PARK, FL 32792

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

PREPARED BY: [Signature]
DATE: 07/22/08
DRAWING NO: VIN0001
SCALE: N.T.S.
REV: F
SHEET: 1 OF 15
P.T.C. PRODUCT DESIGN GROUP, LLC
P.O. BOX 320770
LONGWOOD, FLORIDA 32752
Phone 321.690.1788
Fax 321.690.1789
Email: info@ptc-corp.com

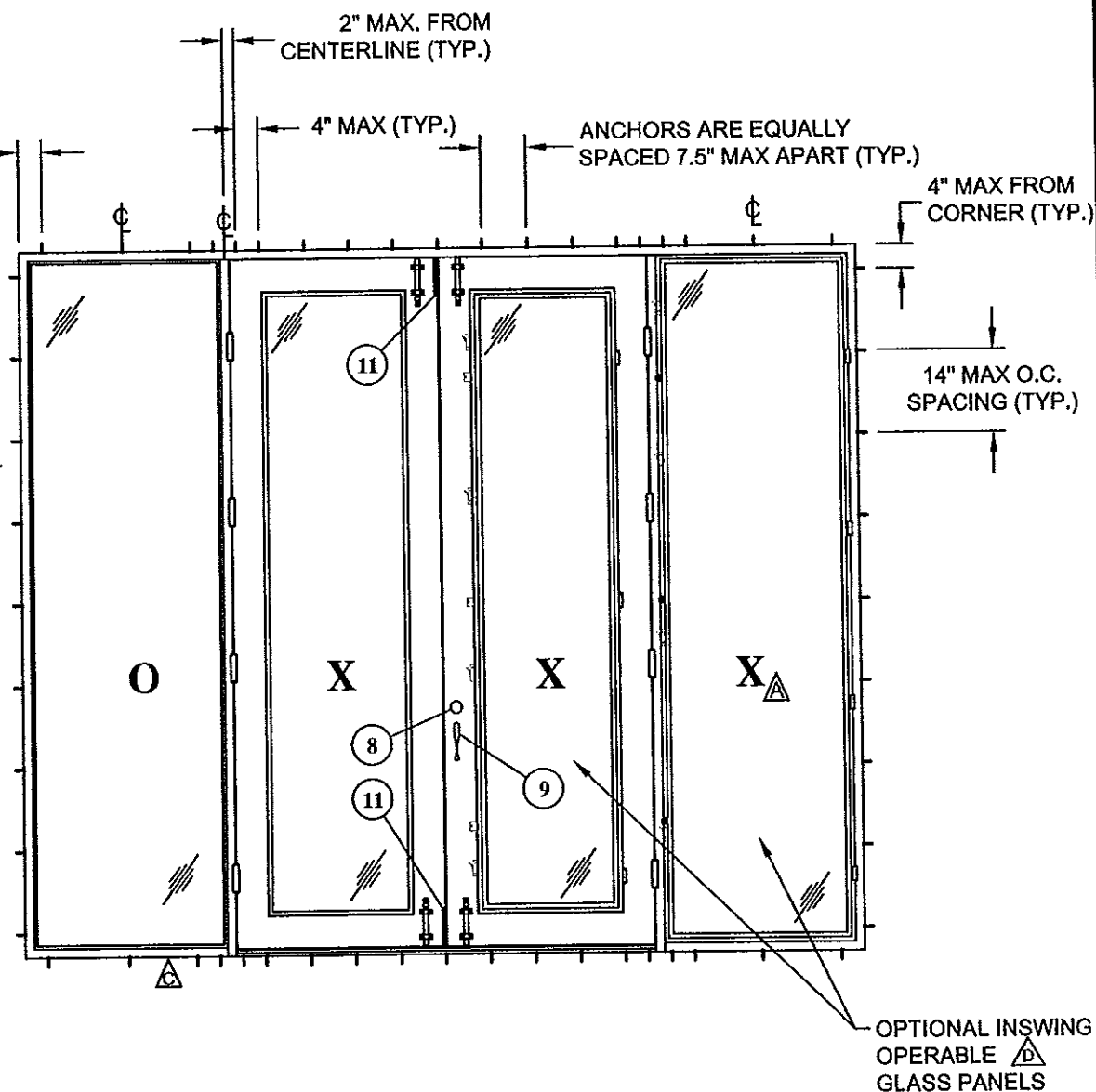
PROJECT NO. 413-1203

REV	DESCRIPTION	DATE	BY
F	UPDATE TO 2014 FBC	04/13/14	RJA
E	UPDATE TO 2010 FBC	05/09/12	JBH
B	PER MIAMI-DADE COMMENTS	06/09/09	BB



ELEVATION
INTERIOR VIEW

NOTE:
HINGES SHOWN ARE THE MINIMUM
REQUIRED. ADDITIONAL HINGES,
IF DESIRED, MAY BE USED. MINIMUM
OF (4) STEEL SWEEP LOCKS
ON OPTIONAL INSWING OPERABLE
GLASS PANELS. \triangle



ANCHOR LAYOUT
INTERIOR VIEW

PROJECT NO. 413-1203				
D	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	SMC	BY
C	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	SMC	DATE
A	PER MIAMI-DADE COMMENTS 01/04/09	01/12/09	SMC	REV
REV	DESCRIPTION			

VINTAGE IRONWORKS 4460 N. GOLDENROD RD., SUITE 102 WINTER PARK, FL 32792		DATE: 07/22/08	
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM ELEVATION & ANCHOR LAYOUT		DRAWING NO: VIN0001	
PREPARED BY: CB	SCALE: N.T.S.	REV: D	SHEET: 2 OF 15
		PFC PRODUCT DESIGN GROUP, LLC P.O. BOX 520775 LONDON, FL 32060, FLORIDA 32792 Phone 321.890.1788 Fax 321.890.1789 Email: info@pfc-corp.com	

Robert J. Amoroso, P.E.
FL P.E. No. 49752

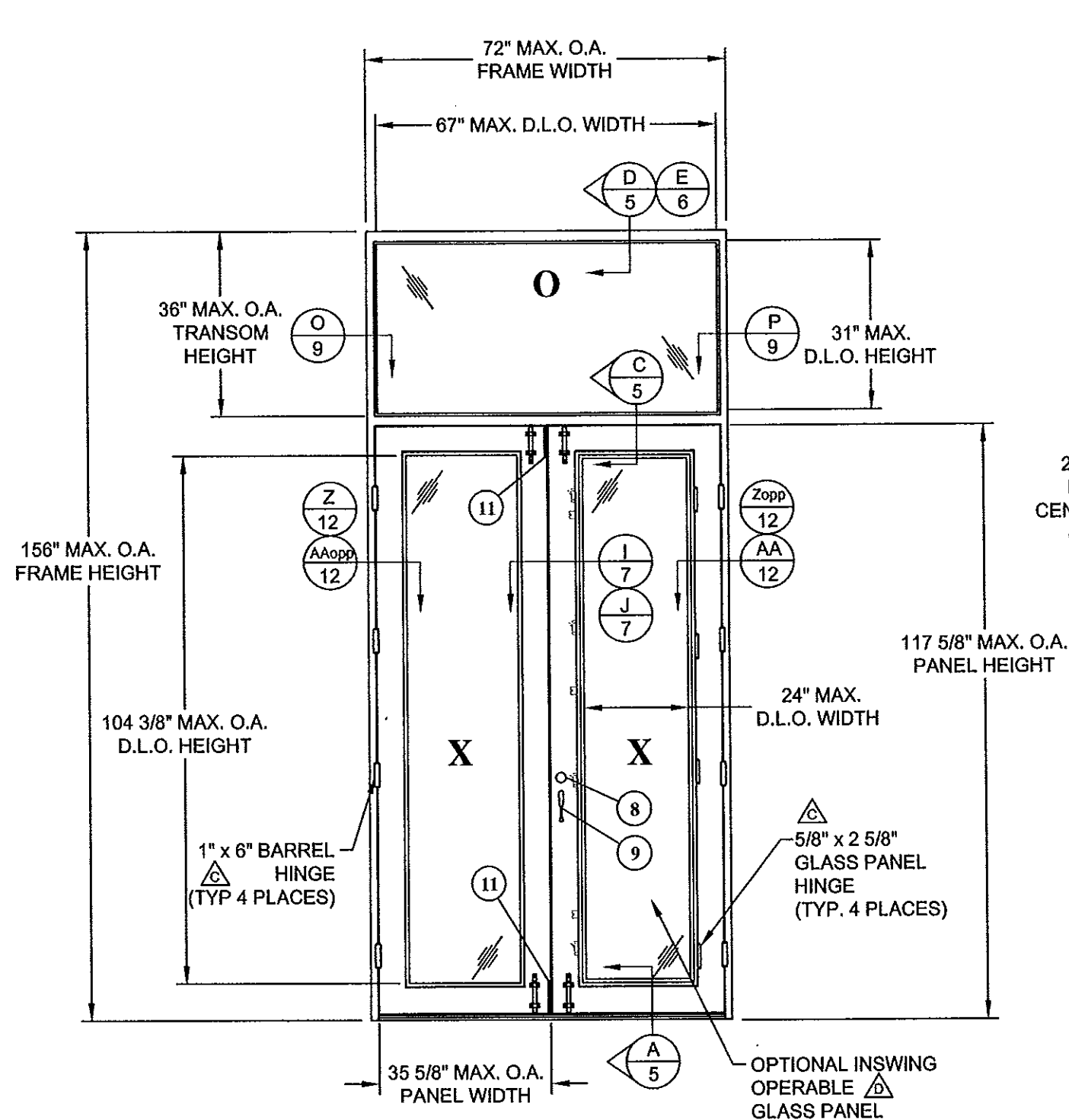
Signature 9/13/14

FBPE Certificate of Authorization No. 25935

PRODUCT RENEWED
as complying with the Florida
Building Code 14-04291.09
Acceptance No. 14-04291.09
Expiration Date 04/15/2019

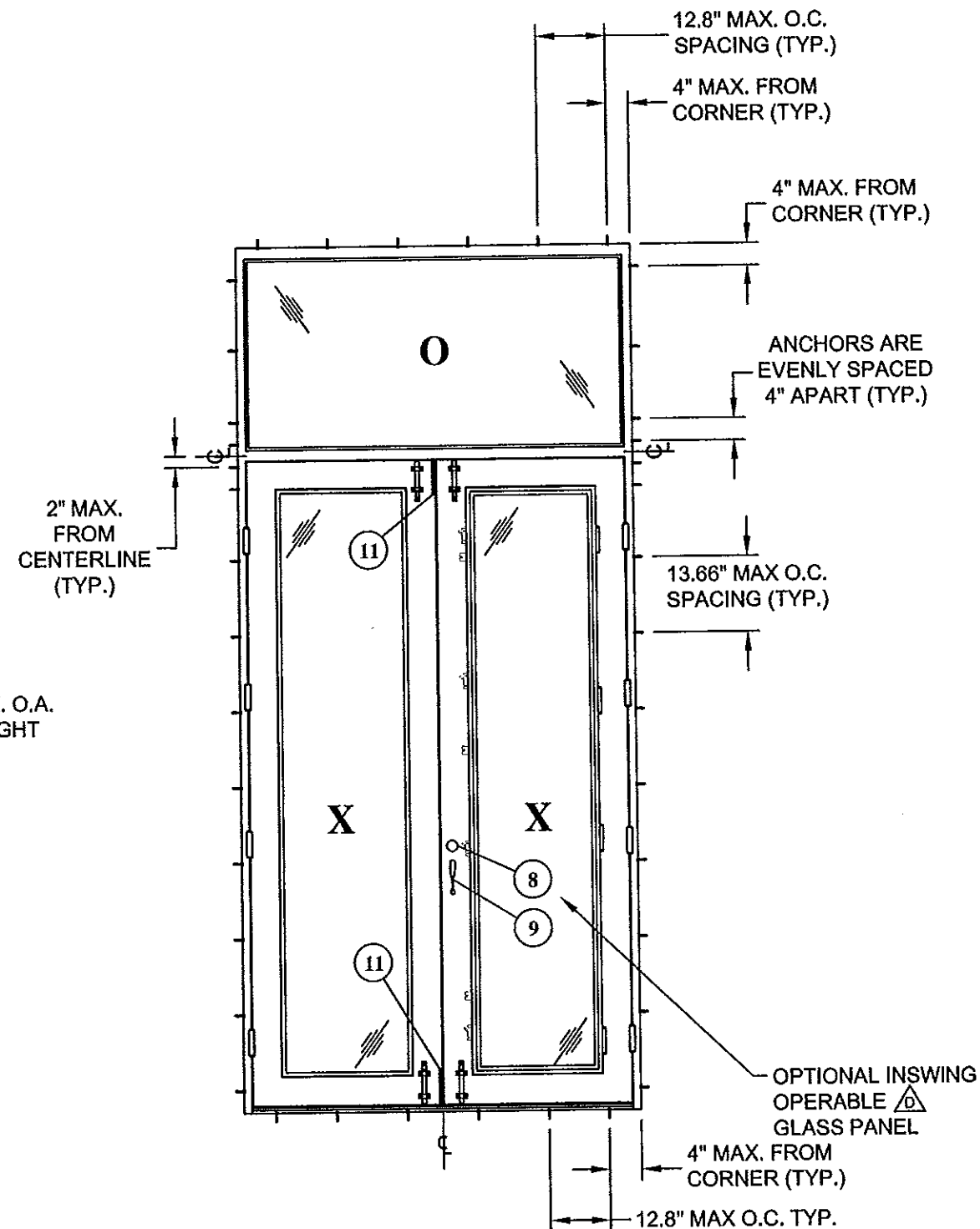
Signature

Miami Dade Product Control



ELEVATION
INTERIOR VIEW

NOTE:
HINGES SHOWN ARE THE MINIMUM REQUIRED. ADDITIONAL HINGES, IF DESIRED, MAY BE USED. MINIMUM OF (4) STEEL SWEEP LOCKS ON OPTIONAL INSWING OPERABLE GLASS PANELS. Δ



ANCHOR LAYOUT
INTERIOR VIEW

PROJECT NO. 413-1203			
		SMC	BY
	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	DATE
	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	DATE
REV	DESCRIPTION		

VINTAGE IRONWORKS 4460 N. GOLDENROD RD., SUITE 102 WINTER PARK, FL 32792			
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM ELEVATION & ANCHOR LAYOUT			
DRAWN BY: CB	DATE: 07/22/08	DRAWING NO: VIN0001	SHEET: 3 OF 15
SCALE: N.T.S.	REV: D		
 PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 600776 LONGWOOD, FLORIDA 32752 Phone 321.690.1788 Fax 321.690.1789 Email: info@pdc-corp.com			

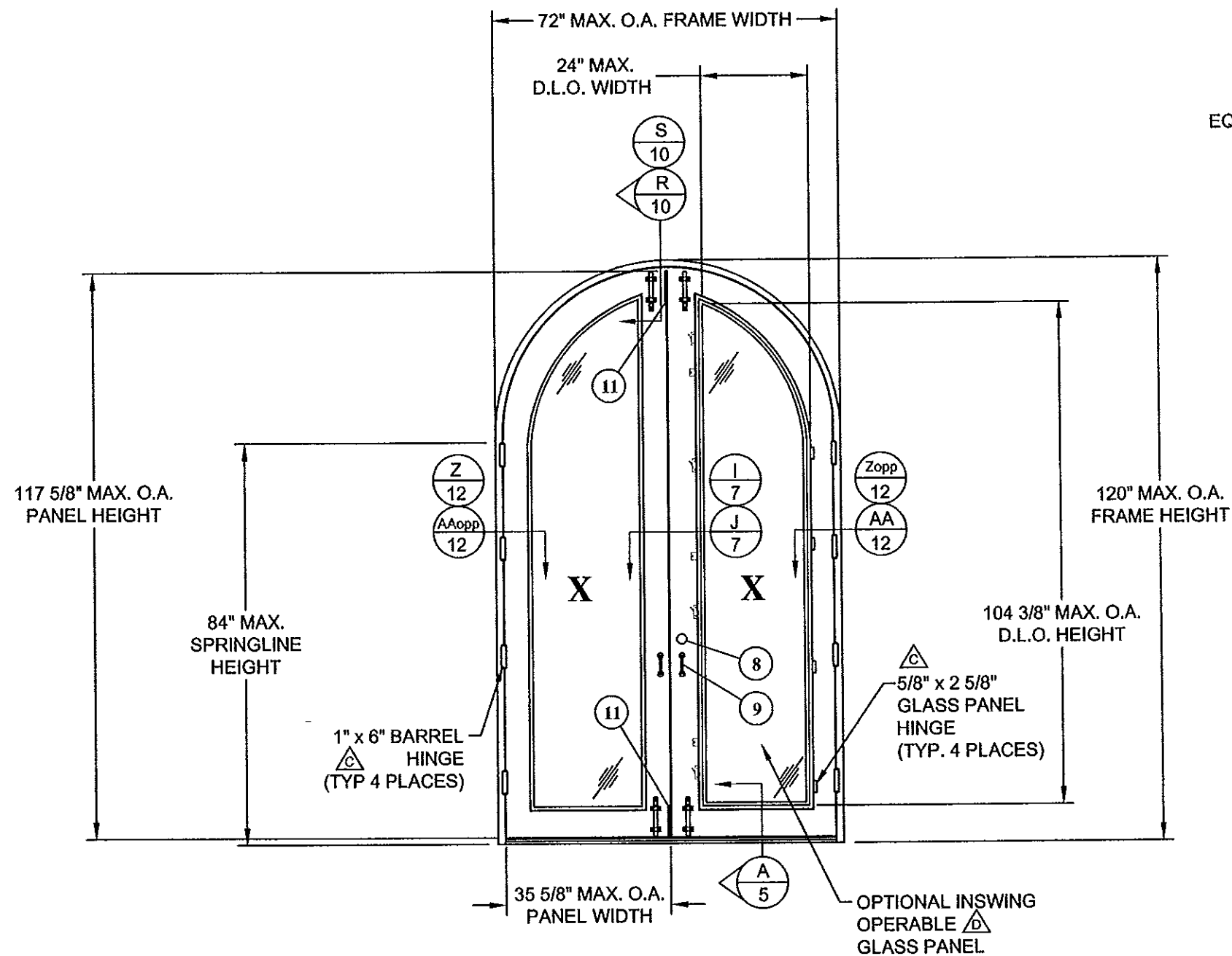
Robert J. Amoroso, P.E.
FL P.E. No. 49752

Signature 4/13/14

FBPE Certificate of Authorization No. 25935

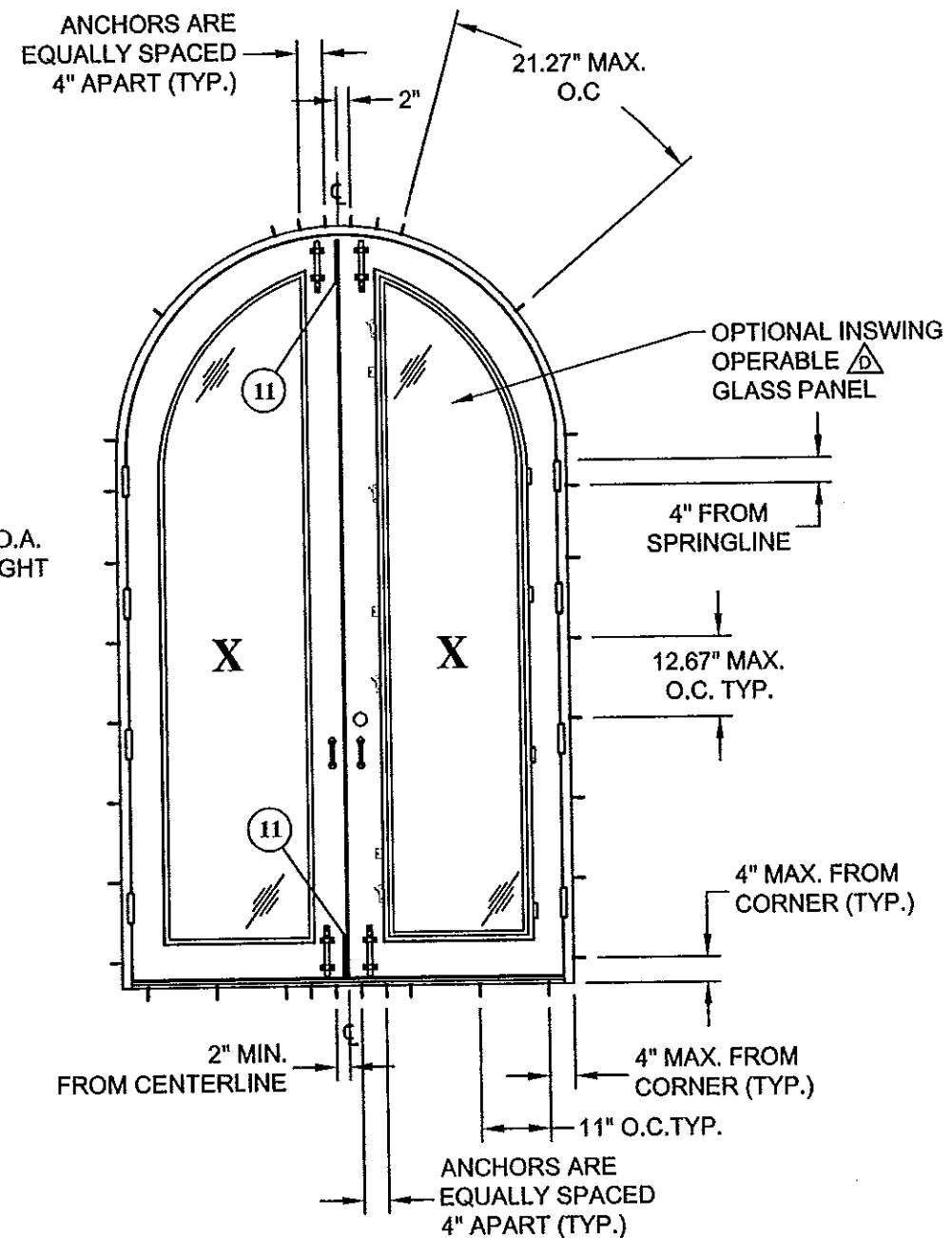
PRODUCT RENEWED
is complying with the Florida
Building Code 14-0421.02
Acceptance No. 14-0421.02
Expiration Date 04/15/2014

Signature
By: Miami Dade Product Control



ELEVATION
INTERIOR VIEW

NOTE:
HINGES SHOWN ARE THE MINIMUM REQUIRED. ADDITIONAL HINGES, IF DESIRED, MAY BE USED. MINIMUM OF (4) STEEL SWEEP LOCKS ON OPTIONAL INSWING OPERABLE GLASS PANELS.



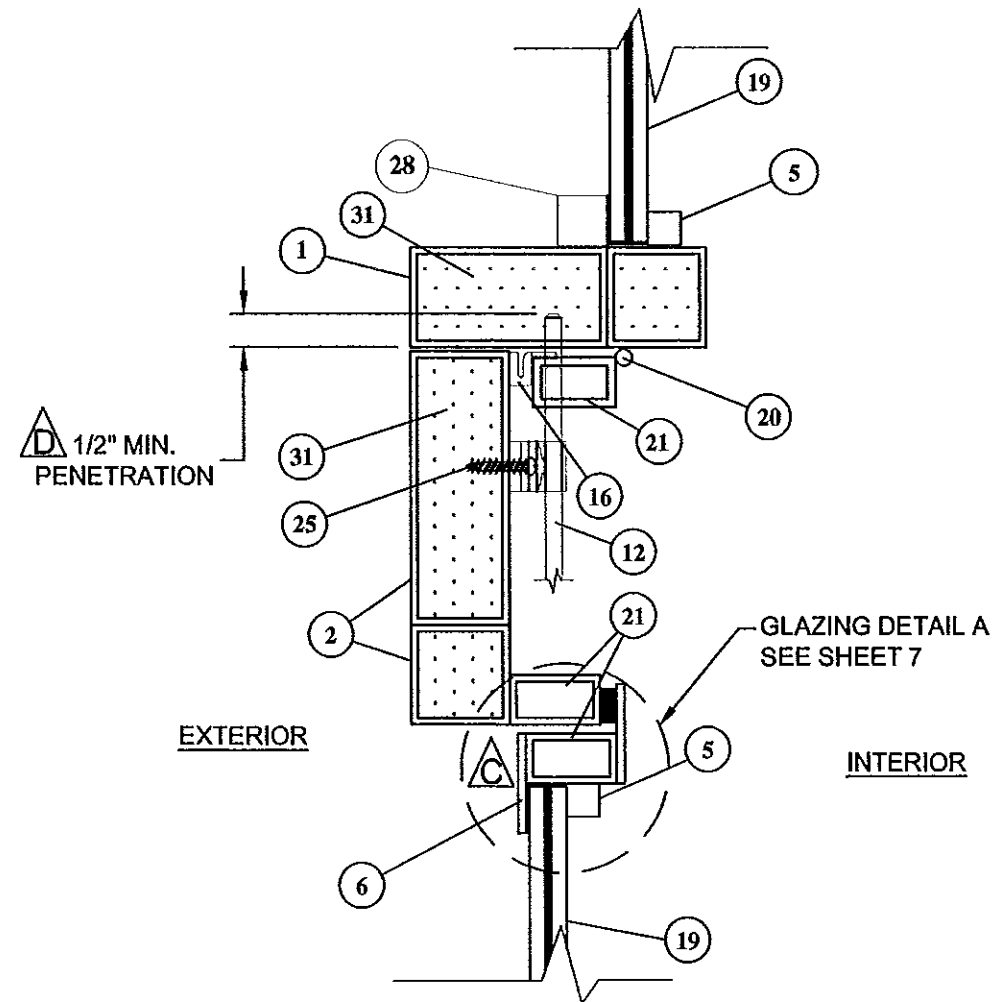
ANCHOR LAYOUT
INTERIOR VIEW

PROJECT NO. 413-1203			
		SMC	BY
	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	DATE
	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	REV
	DESCRIPTION		

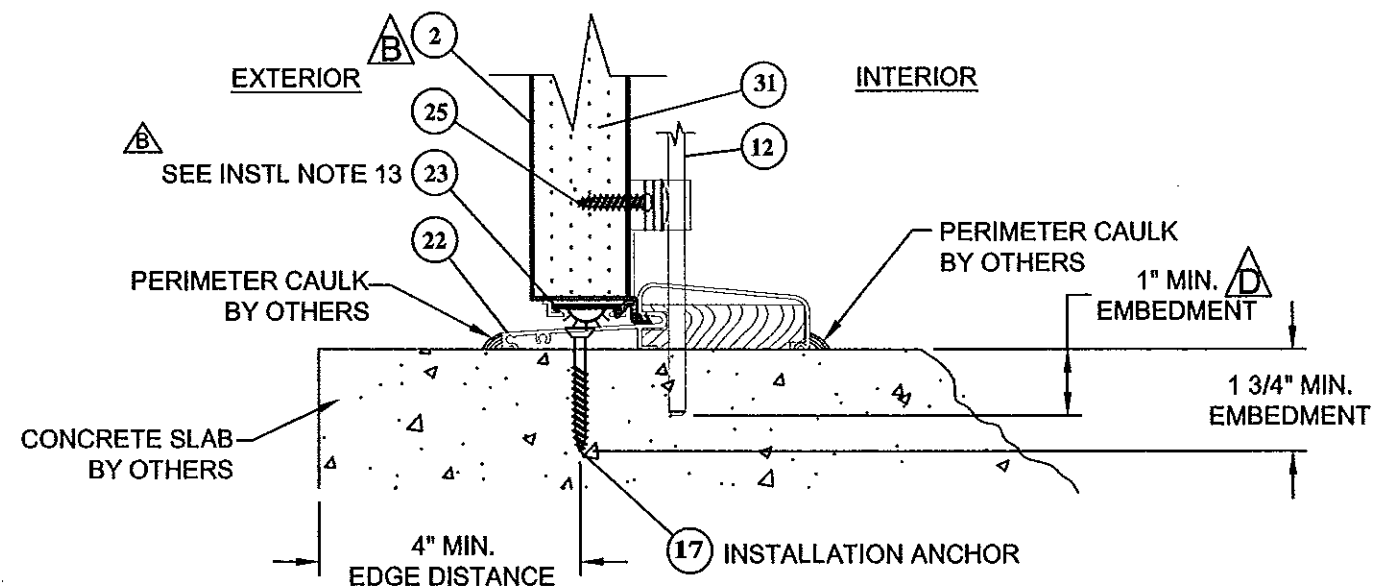
VINTAGE IRONWORKS 4460 N. GOLDENROD RD., SUITE 102 WINTER PARK, FL 32792			
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM ELEVATION & ANCHOR LAYOUT			
DATE:	07/22/08	DRAWING NO:	VIN0001
SCALE:	N.T.S.	REV:	4 OF 15
PREPARED BY:	CB	DATE:	07/22/08
DESIGNED BY:	N.T.S.	DATE:	07/22/08
PROJECT:	D	DATE:	07/22/08
 FPE PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 520776 LONGWOOD, FLORIDA 32752 Phone 321.680.1788 Fax 321.680.1789 Email: info@pdc-group.com			

Robert J. Amoroso, P.E.
FL P.E. No. 49752
4/13/14
FPE Certificate of Authorization No. 258935

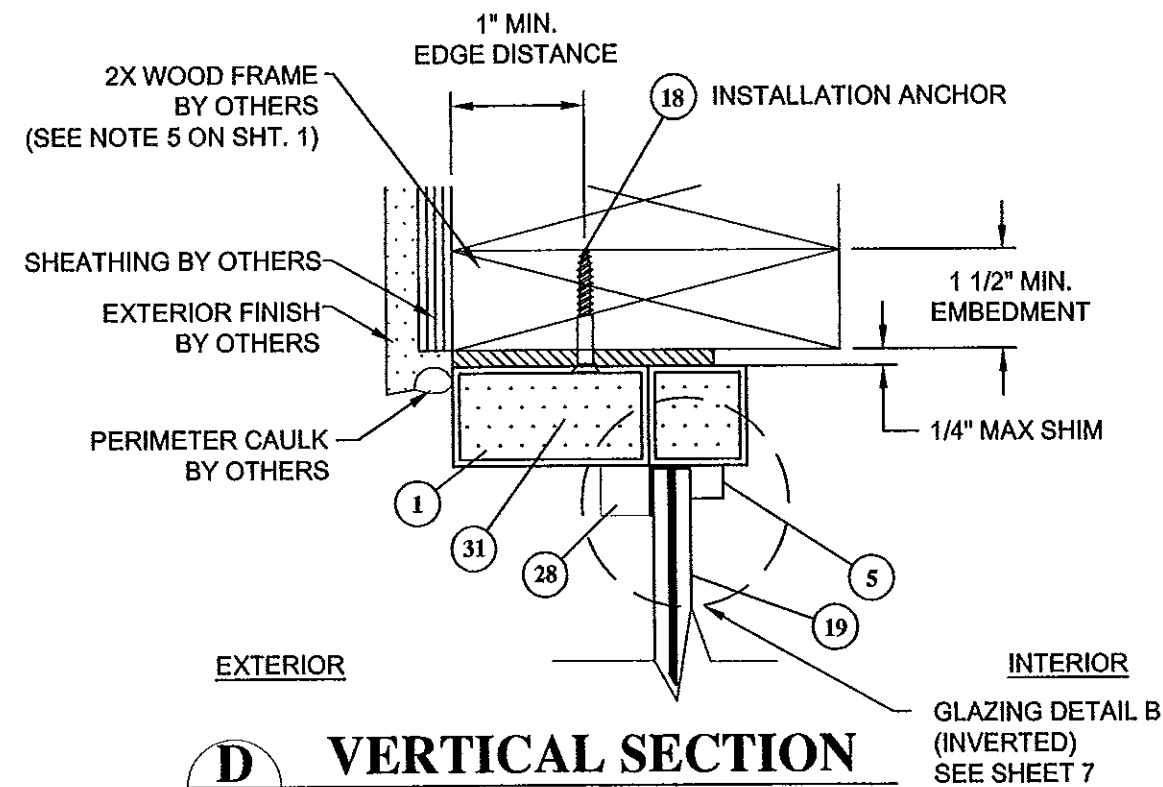
PRODUCT RENEWED
as complying with the Florida
Building Code 14-0421.02
Acceptance No. 14-0421.02
Examination Date 04/15/2014
By [Signature]
Miami Dade Product Control



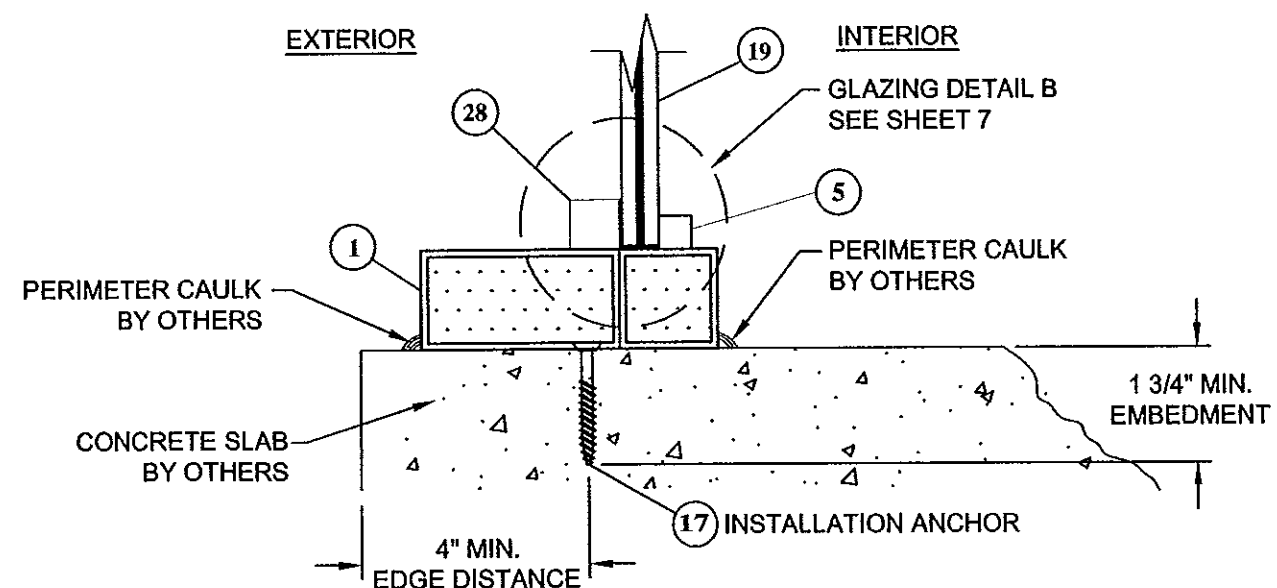
C
5 **VERTICAL SECTION**
HORIZONTAL MULLION



A
5 **VERTICAL SECTION**
THRESHOLD - FRAME DOOR
CONCRETE / MASONRY SUBSTRATE



D
5 **VERTICAL SECTION**
HEAD - FIXED TRANSOM
WOOD SUBSTRATE



B
5 **VERTICAL SECTION**
SILL - FIXED LITE
CONCRETE / MASONRY SUBSTRATE

PROJECT NO. 413-1203		SMC	DATE	BY
D	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09		
C	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09		
B	PER MIAMI-DADE COMMENTS 05/12/09	06/09/09		
REV	DESCRIPTION			

VINTAGE IRONWORKS 4480 N. GOLDENROD RD., SUITE 102 WINTER PARK, FL 32792		DATE: 07/22/08		CB
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM		DRAWING NO: VIN0001		N.T.S.
VERTICAL SECTIONS		SHEET: 5 OF 15		D
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 320715 LONGWOOD, FLORIDA 32762		DATE: 07/22/08		CB
DRAWN BY: N.T.S.		SCALE: VIN0001		N.T.S.
CHECKED BY: VIN0001		REV: 5 OF 15		D

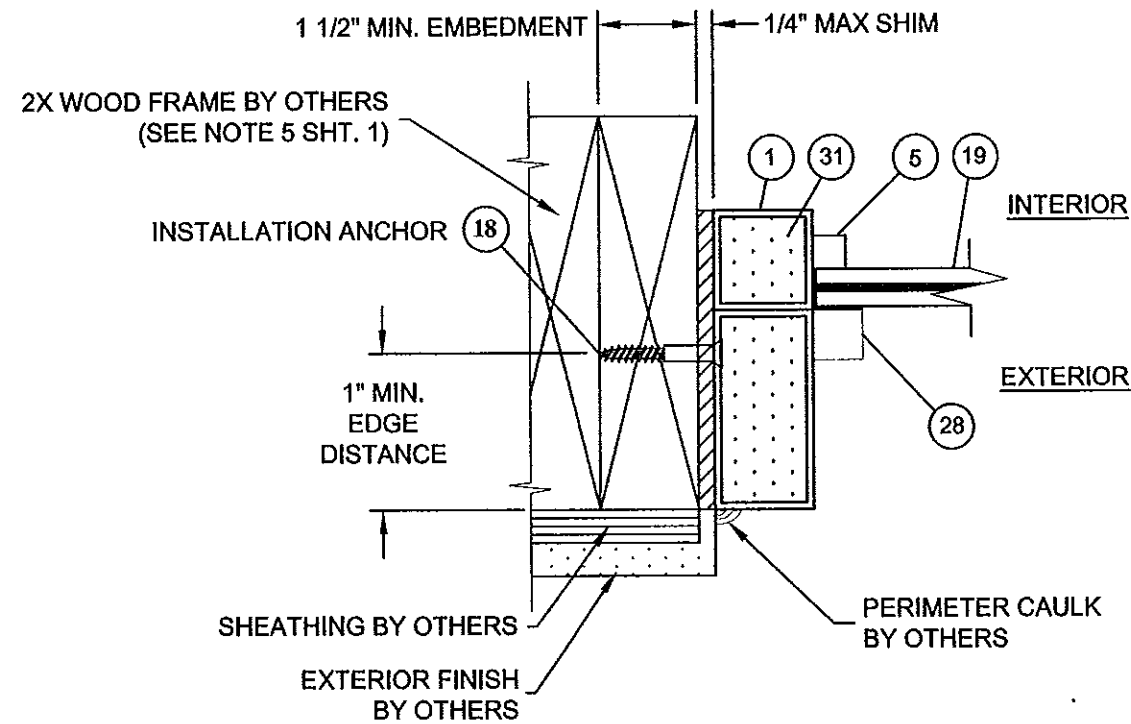
Robert J. Amoruso, P.E.
FL P.E. No. 49752

11/13/14

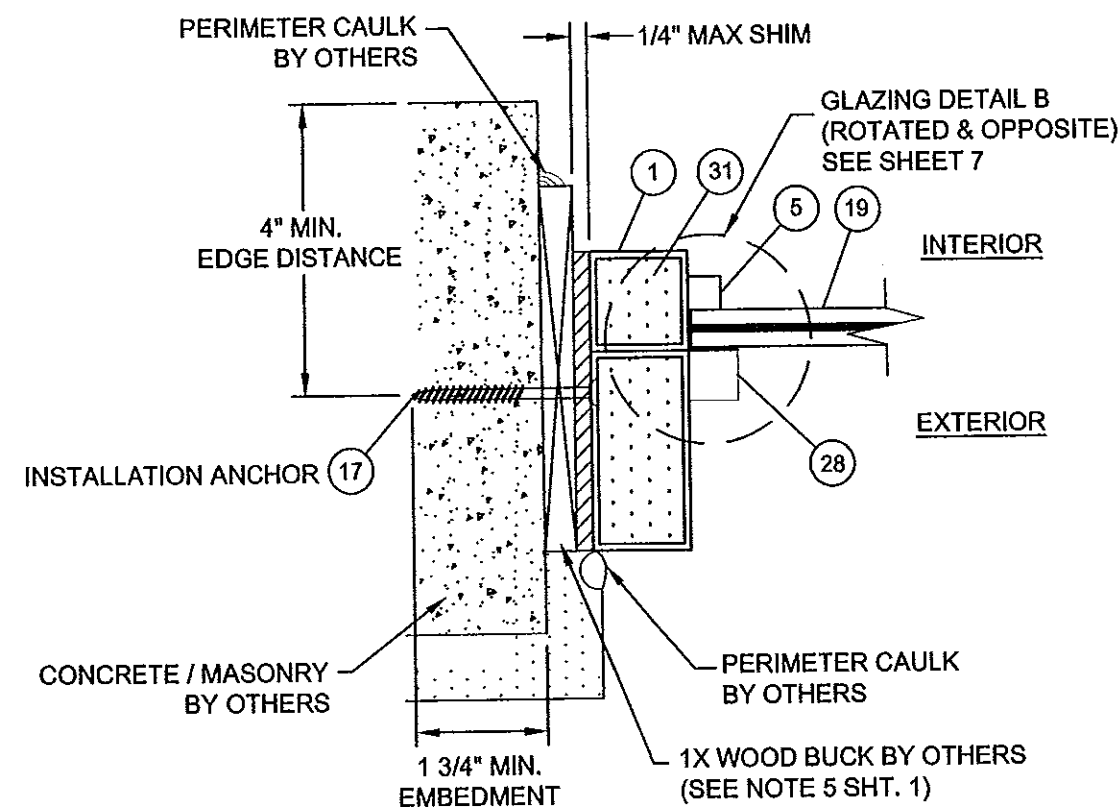
PRODUCT RENEWED
as complying with the Florida
Building Code 14-04-21-02
Acceptance No. 14-04-21-02
Examination Date 04/15/2016

By: [Signature]
Miami Dade Product Control

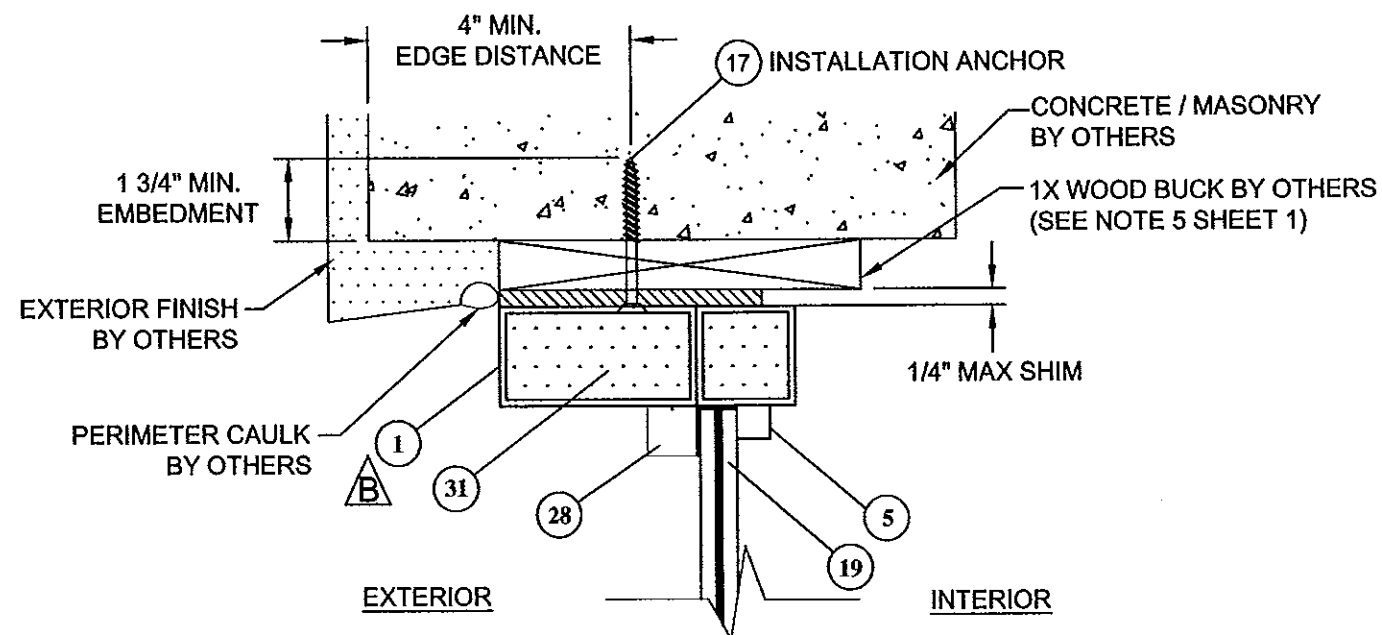
FBPE Certificate of Authorization No. 25963



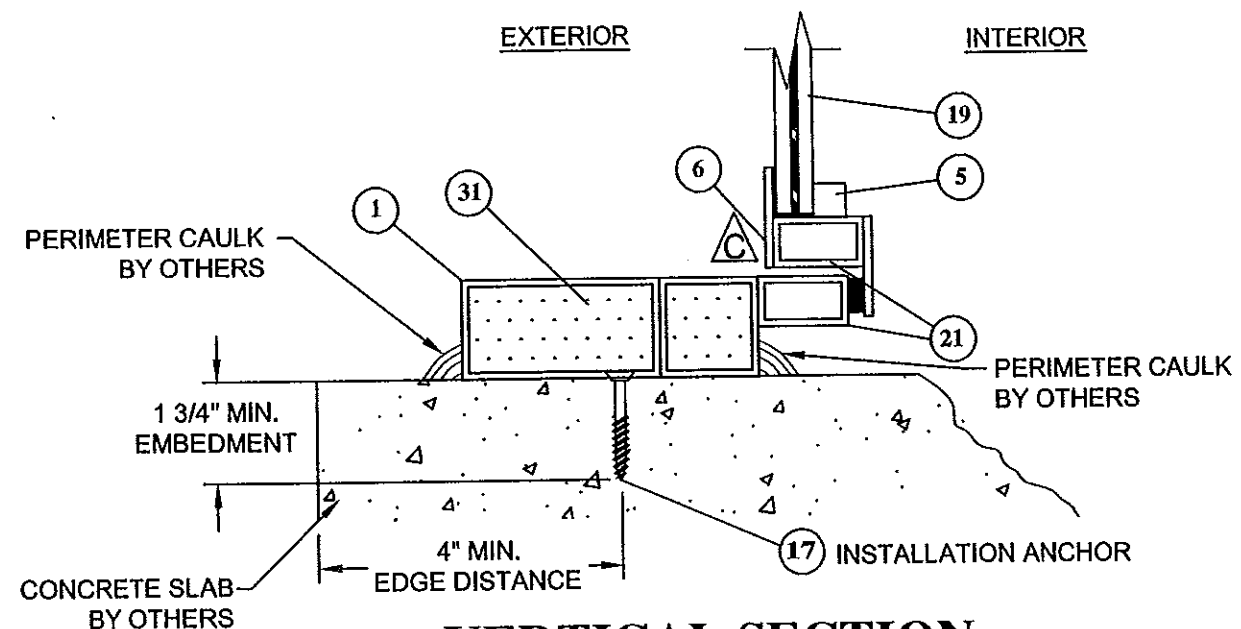
F
6 **HORIZONTAL SECTION**
JAMB - FIXED LITE
WOOD FRAME SUBSTRATE



G
6 **HORIZONTAL SECTION**
JAMB - FIXED LITE
CONCRETE / MASONRY SUBSTRATE




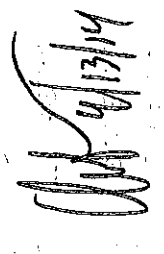
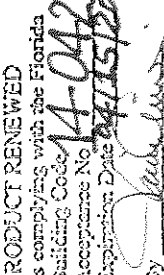
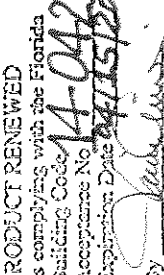
E
6 **VERTICAL SECTION**
HEAD - TRANSOM
CONCRETE / MASONRY SUBSTRATE



H
6 **VERTICAL SECTION**
SILL - SIDELITE W/ OPT. OPERABLE GLAZING
CONCRETE / MASONRY SUBSTRATE

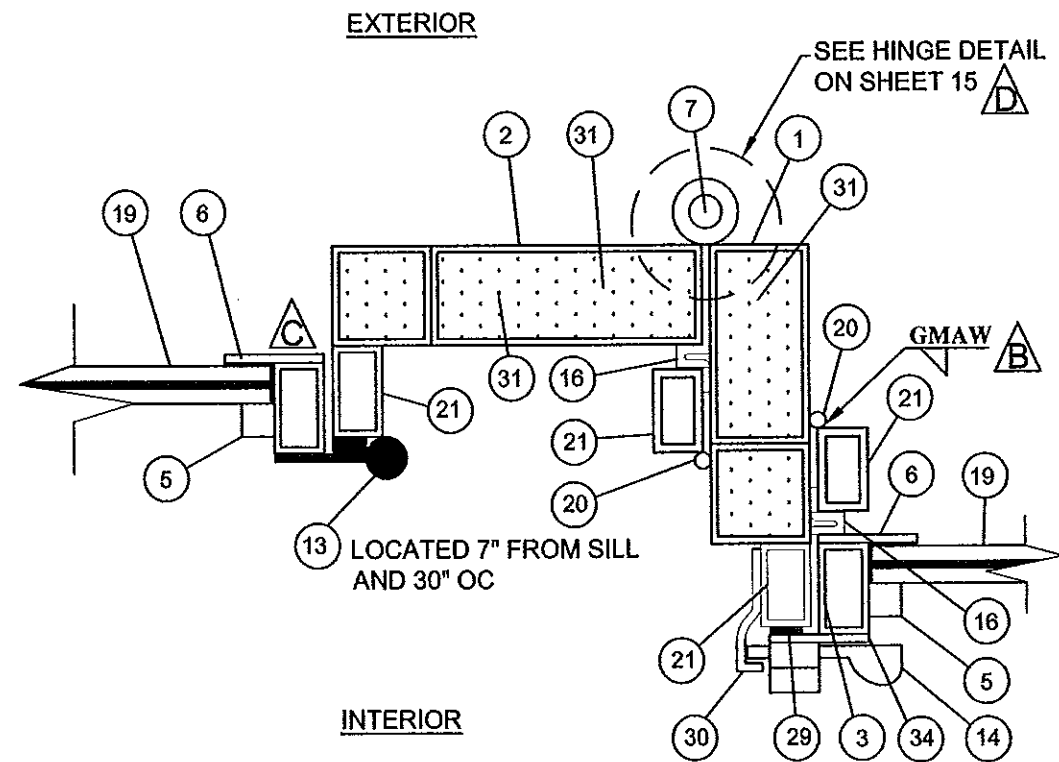
PROJECT NO. 413-1203			
		06/25/09	SMC
	PER MIAMI-DADE COMMENTS 05/12/09	06/09/09	BB
	PER MIAMI-DADE COMMENTS 05/12/09	06/09/09	BB
	DESCRIPTION	DATE	BY
	REV		

VINTAGE IRONWORKS 4460 N. GOLDENROD RD., SUITE 102 WINTER PARK, FL 32792	
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM VERTICAL AND HORIZONTAL SECTIONS	
DRAWN BY: CB	DATE: 07/22/08
SCALE: N.T.S.	DRAWING NO: VIN0001
REV: C	SHEET: 6 OF 15
	
PREPARED BY: PFC PRODUCT DESIGN GROUP, LLC P.O. BOX 620776 LONGWOOD, FLORIDA 32762 Phone 321.690.1788 Fax 321.690.1789 Email: info@pfc-corp.com	

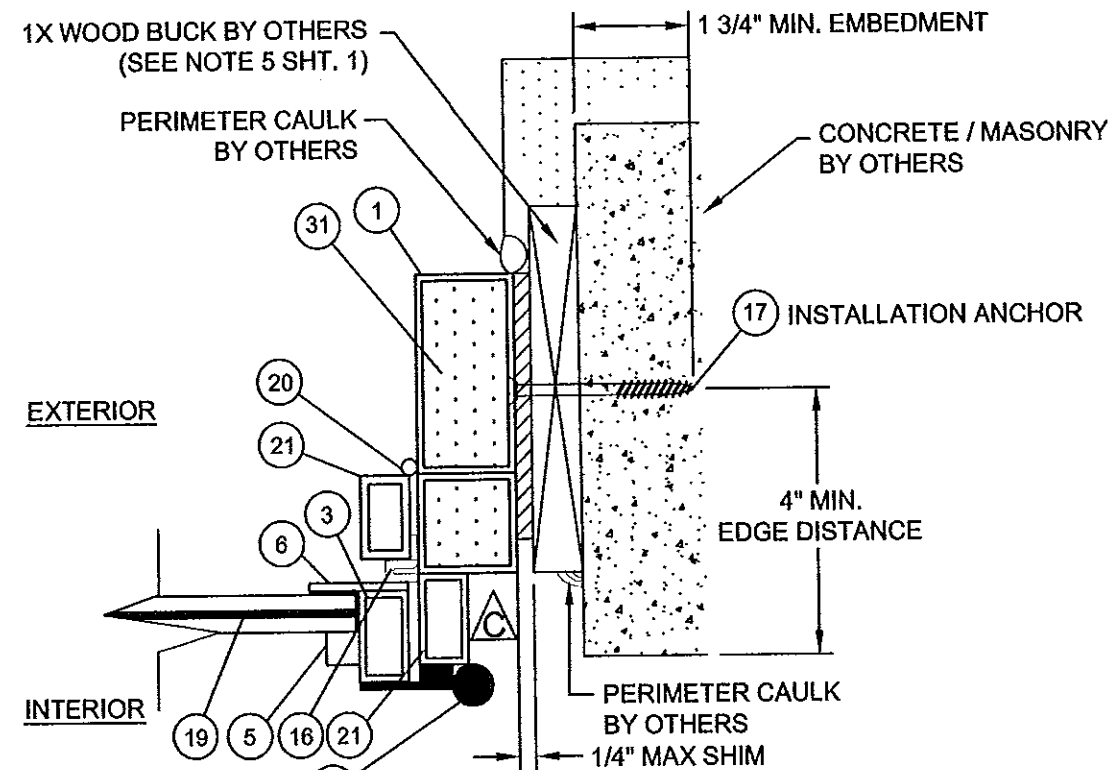
Robert J. Amoroso, P.E. FL P.E. No. 49752			
PRODUCT RENEWED as complying with the Florida Building Code 14-0421.02 Acceptance No. 14-0421.02 Expiration Date 04/15/2019			
By: 		Miami Dade Product Control	

FBPE Certificate of Authorization No. 25935

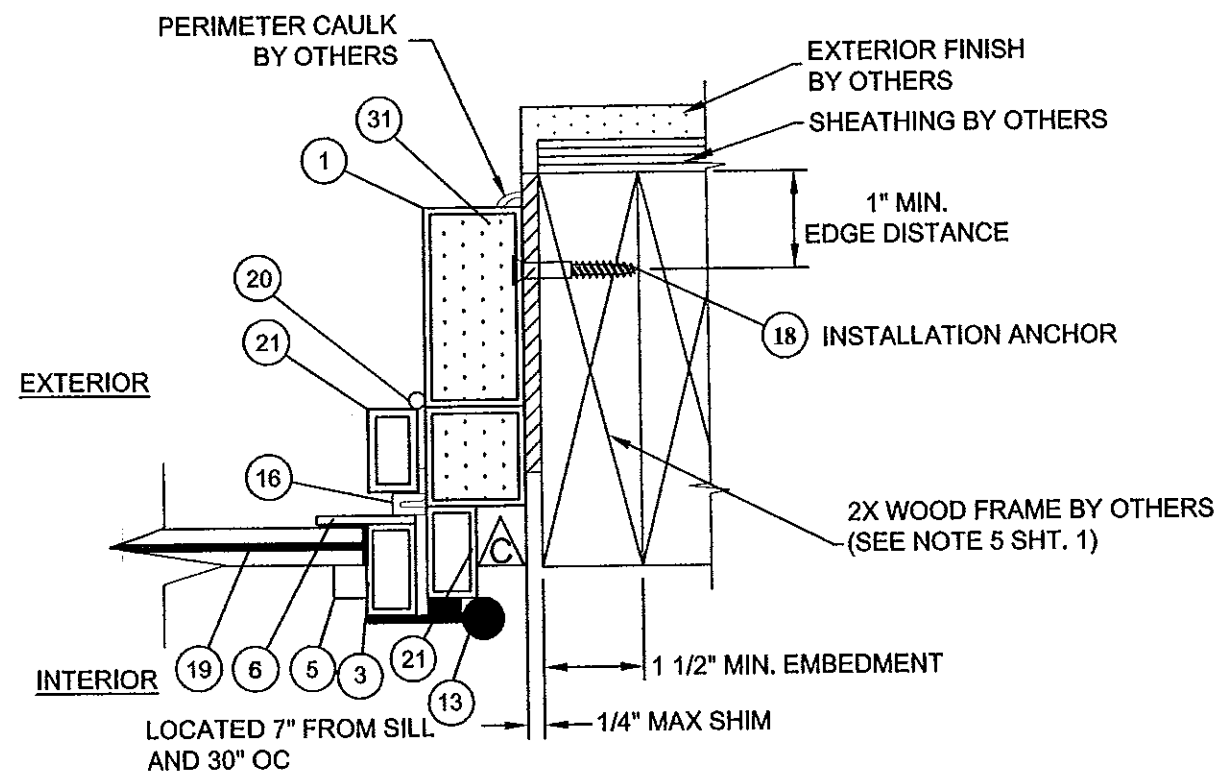
PRODUCT RENEWED
as complying with the Florida
Building Code 14-0421
Acceptance No. 02
Expiration Date 04/15/2019
By Michael Cross
Miami Dade Product Control



N8 HORIZONTAL SECTION
VERTICAL MULLION AT SIDELITE
W/ OPTIONAL OPERABLE GLAZING



L8 HORIZONTAL SECTION
JAMB - SIDELITE W/ OPT. OPERABLE GLAZING
CONCRETE / MASONRY SUBSTRATE



M8 HORIZONTAL SECTION
JAMB - SIDELITE W/ OPT. OPERABLE GLAZING
WOOD FRAME SUBSTRATE

PROJECT NO. 413-1203		PER MIAMI-DADE	07/15/09	SMC	BY
		COMMENTS 07/01/09			DATE
		PER MIAMI-DADE	06/25/09	SMC	BB
		COMMENTS 05/12/09			DATE
		PER MIAMI-DADE	06/09/09	BB	BY
		COMMENTS 05/12/09			DATE
		DESCRIPTION	REV		
VINTAGE IRONWORKS		DRAWN BY:	CB	DATE:	07/22/08
4460 N. GOLDENROD RD., SUITE 102		SCALE:	N.T.S.	DRAWING NO.:	VIN0001
WINTER PARK, FL 32792		REV:	D	SHEET:	8 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM					
HORIZONTAL SECTIONS					
PREPARED BY:					
PTC PRODUCT DESIGN GROUP, LLC					
P.O. BOX 520775					
LONGWOOD, FLORIDA 32752					
Phone 321.690.1788					
Fax 321.690.1789					
Email: info@gate-con.com					
Robert J. Amoroso, P.E.					
F.L.P.E. No. 43752					
PRODUCT RENEWED					
as complying with the Florida					
Building Code					
Acceptance No. 14-0421.02					
Expiration Date 04/15/2019					
By: [Signature]					
Miami Dade Product Control					
FBPE Certificate of Authorization No. 25935					



Robert J. Amoroso, P.E.
FL P.E. No. 49752

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 14-042
Expiration Date 04/15/2014
By John Doe
Miami: Data Product Control

EBCF Certificate of Authorization No. 25935

VINTAGE IRONWORKS
4460 N. GOLDENROD RD., SUITE 102
WINTER PARK, FL 32792

NOTE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
HORIZONTAL SECTIONS

PREPARED BY: **FILE**

HORIZON

PREPARED BY: [REDACTED]

OPTC PRODUCT DESIGN GROUP, LLC Phone 321.880.1788

**P.O. BOX 520775
LONGWOOD, FLORIDA 32782
Fax 321.690.1769
Email: info@opti-corp.com**

[illegible]

Journal of Interpersonal Violence

DRAWN BY: _____ DATE: _____

07/22/08	CB
----------	----

SCALE: 1" = 10'-0"

DRAWING NO: 1000004

REV: N.T.S. SHEET: VIN0001

9 OF 15

[illegible]

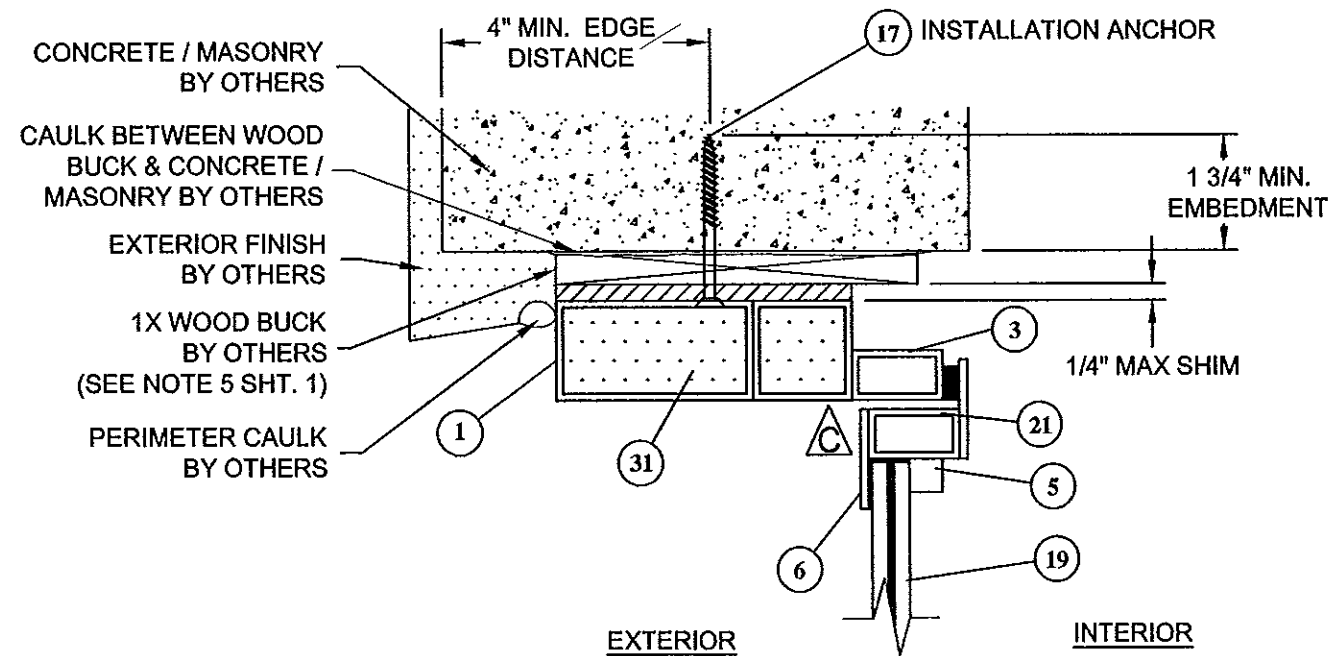
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99

PROJECT NO. 413-1203

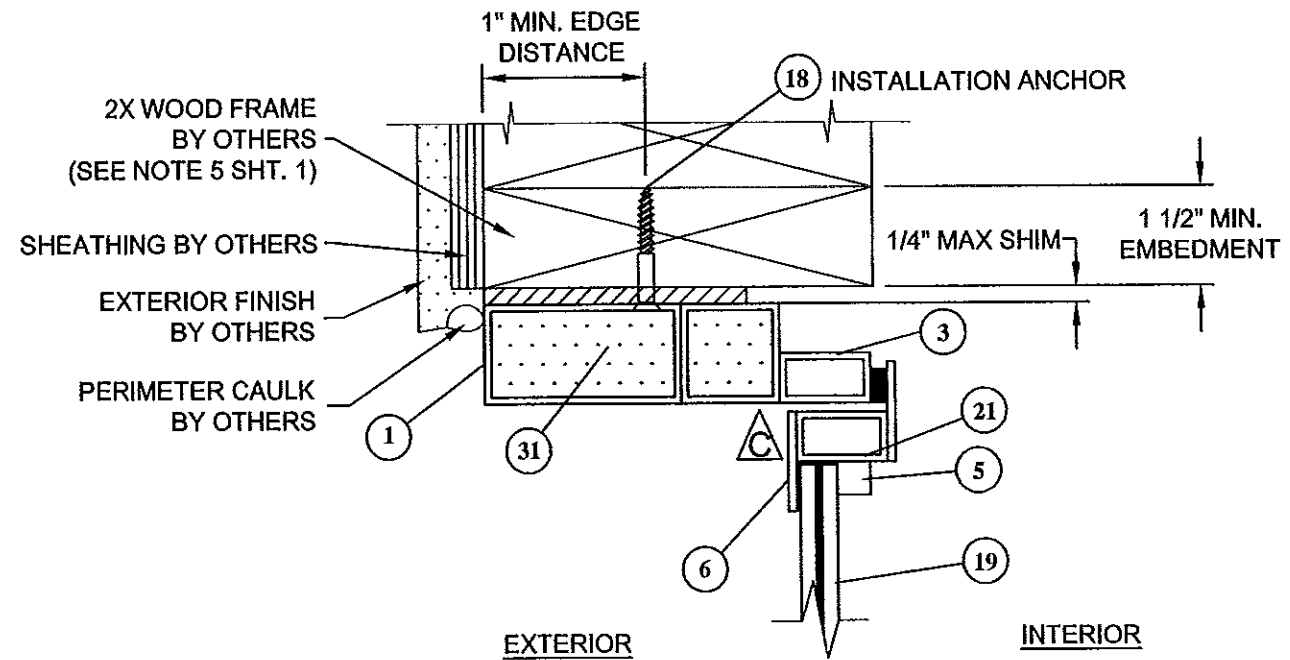
DESCRIPTION	DATE
-------------	------

DESCRIPTION	DATE	TIME	LOCATION	STATUS	REMARKS
1. Initial assessment of the site.	2023-10-26	08:00	Site A	Completed	Site is clear and accessible.
2. Collection of soil samples.	2023-10-26	09:30	Site A	In Progress	Soil samples collected from 0-10 cm depth.
3. Collection of water samples.	2023-10-26	10:15	Site A	Completed	Water samples collected from the well.
4. Collection of air samples.	2023-10-26	11:00	Site A	Completed	Air samples collected using the pump.
5. Collection of sediment samples.	2023-10-26	12:45	Site A	Completed	Sediment samples collected from the bottom of the well.
6. Collection of plant samples.	2023-10-26	13:30	Site A	Completed	Plant samples collected from the field.
7. Collection of animal samples.	2023-10-26	14:15	Site A	Completed	Animal samples collected from the field.
8. Collection of human samples.	2023-10-26	15:00	Site A	Completed	Human samples collected from the field.
9. Collection of microbial samples.	2023-10-26	15:45	Site A	Completed	Microbial samples collected from the field.
10. Collection of mineral samples.	2023-10-26	16:30	Site A	Completed	Mineral samples collected from the field.
11. Collection of organic samples.	2023-10-26	17:15	Site A	Completed	Organic samples collected from the field.
12. Collection of inorganic samples.	2023-10-26	18:00	Site A	Completed	Inorganic samples collected from the field.
13. Collection of toxic samples.	2023-10-26	18:45	Site A	Completed	Toxic samples collected from the field.
14. Collection of non-toxic samples.	2023-10-26	19:30	Site A	Completed	Non-toxic samples collected from the field.
15. Collection of hazardous samples.	2023-10-26	20:15	Site A	Completed	Hazardous samples collected from the field.
16. Collection of non-hazardous samples.	2023-10-26	21:00	Site A	Completed	Non-hazardous samples collected from the field.
17. Collection of radioactive samples.	2023-10-26	21:45	Site A	Completed	Radioactive samples collected from the field.
18. Collection of non-radioactive samples.	2023-10-26	22:30	Site A	Completed	Non-radioactive samples collected from the field.
19. Collection of biological samples.	2023-10-26	23:15	Site A	Completed	Biological samples collected from the field.
20. Collection of non-biological samples.	2023-10-26	00:00	Site A	Completed	Non-biological samples collected from the field.
21. Collection of chemical samples.	2023-10-26	00:45	Site A	Completed	Chemical samples collected from the field.
22. Collection of non-chemical samples.	2023-10-26	01:30	Site A	Completed	Non-chemical samples collected from the field.
23. Collection of physical samples.	2023-10-26	02:15	Site A	Completed	Physical samples collected from the field.
24. Collection of non-physical samples.	2023-10-26	03:00	Site A	Completed	Non-physical samples collected from the field.
25. Collection of environmental samples.	2023-10-26	03:45	Site A	Completed	Environmental samples collected from the field.
26. Collection of non-environmental samples.	2023-10-26	04:30	Site A	Completed	Non-environmental samples collected from the field.
27. Collection of geological samples.	2023-10-26	05:15	Site A	Completed	Geological samples collected from the field.
28. Collection of non-geological samples.	2023-10-26	06:00	Site A	Completed	Non-geological samples collected from the field.
29. Collection of biological samples.	2023-10-26	06:45	Site A	Completed	Biological samples collected from the field.
30. Collection of non-biological samples.	2023-10-26	07:30	Site A	Completed	Non-biological samples collected from the field.
31. Collection of chemical samples.	2023-10-26	08:15	Site A	Completed	Chemical samples collected from the field.
32. Collection of non-chemical samples.	2023-10-26	09:00	Site A	Completed	Non-chemical samples collected from the field.
33. Collection of physical samples.	2023-10-26	09:45	Site A	Completed	Physical samples collected from the field.
34. Collection of non-physical samples.	2023-10-26	10:30	Site A	Completed	Non-physical samples collected from the field.
35. Collection of environmental samples.	2023-10-26	11:15	Site A	Completed	Environmental samples collected from the field.
36. Collection of non-environmental samples.	2023-10-26	12:00	Site A	Completed	Non-environmental samples collected from the field.
37. Collection of geological samples.	2023-10-26	12:45	Site A	Completed	Geological samples collected from the field.
38. Collection of non-geological samples.	2023-10-26	13:30	Site A	Completed	Non-geological samples collected from the field.
39. Collection of biological samples.	2023-10-26	14:15	Site A	Completed	Biological samples collected from the field.
40. Collection of non-biological samples.	2023-10-26	15:00	Site A	Completed	Non-biological samples collected from the field.
41. Collection of chemical samples.	2023-10-26	15:45	Site A	Completed	Chemical samples collected from the field.
42. Collection of non-chemical samples.	2023-10-26	16:30	Site A	Completed	Non-chemical samples collected from the field.
43. Collection of physical samples.	2023-10-26	17:15	Site A	Completed	Physical samples collected from the field.
44. Collection of non-physical samples.	2023-10-26	18:00	Site A	Completed	Non-physical samples collected from the field.
45. Collection of environmental samples.	2023-10-26	18:45	Site A	Completed	Environmental samples collected from the field.
46. Collection of non-environmental samples.	2023-10-26	19:30	Site A	Completed	Non-environmental samples collected from the field.
47. Collection of geological samples.	2023-10-26	20:15	Site A	Completed	Geological samples collected from the field.
48. Collection of non-geological samples.	2023-10-26	21:00	Site A	Completed	Non-geological samples collected from the field.
49. Collection of biological samples.	2023-10-26	21:45	Site A	Completed	Biological samples collected from the field.
50. Collection of non-biological samples.	2023-10-26	22:30	Site A	Completed	Non-biological samples collected from the field.
51. Collection of chemical samples.	2023-10-26	23:15	Site A	Completed	Chemical samples collected from the field.
52. Collection of non-chemical samples.	2023-10-26	00:00	Site A	Completed	Non-chemical samples collected from the field.
53. Collection of physical samples.	2023-10-26	00:45	Site A	Completed	Physical samples collected from the field.

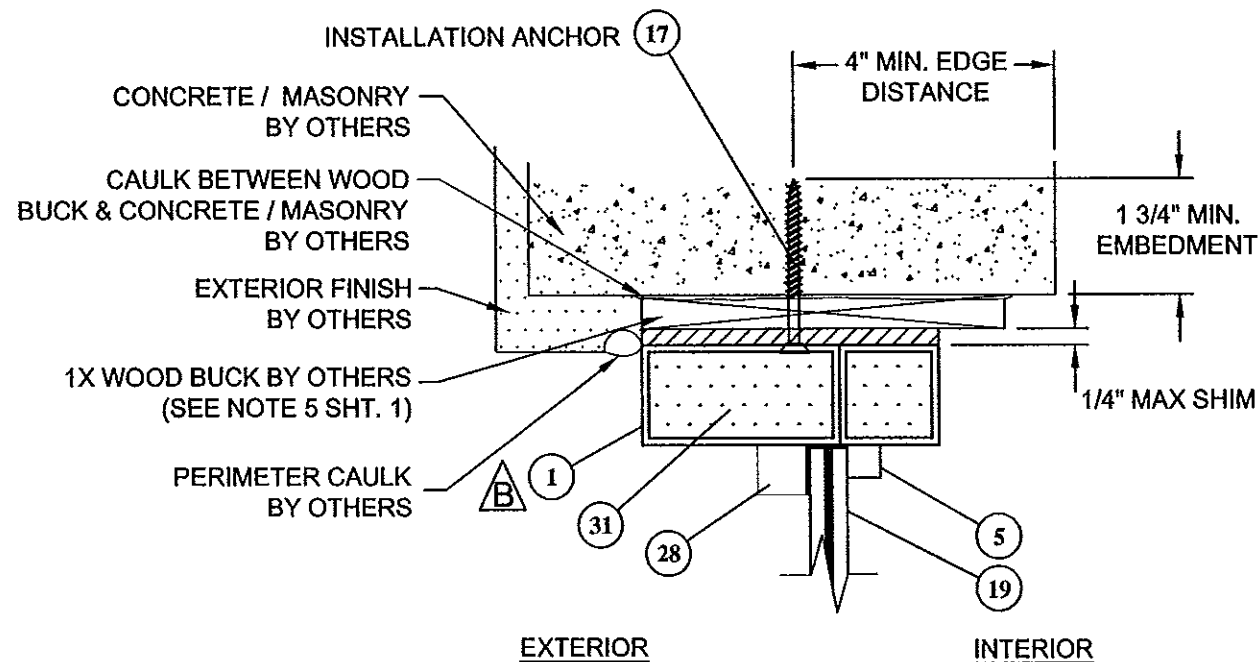
DATE _____



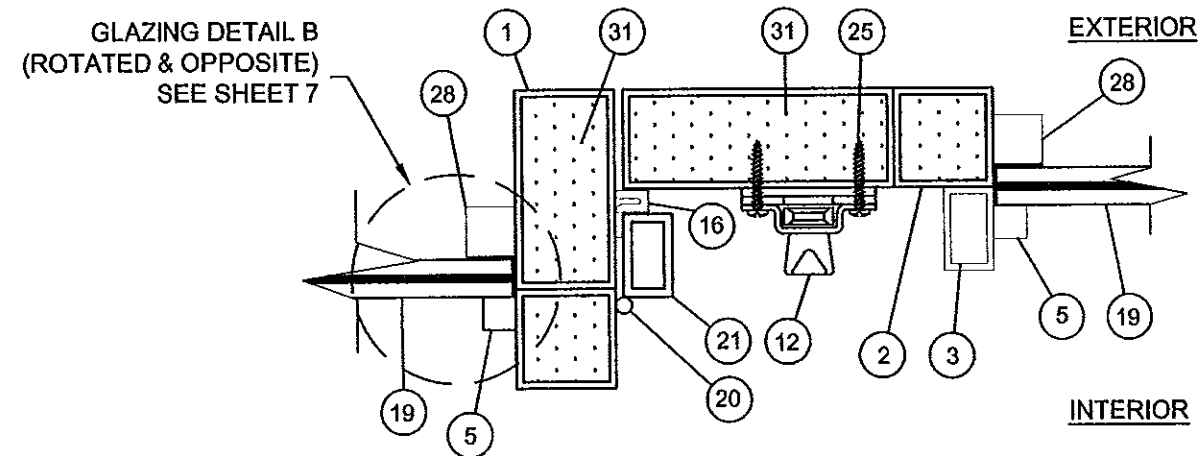
U-11 VERTICAL SECTION
HEAD FRAME - SIDELITE W/ OPT. OPERABLE GLAZING
CONCRETE / MASONRY



V-11 VERTICAL SECTION
HEAD FRAME - SIDELITE W/ OPT. OPERABLE GLAZING
WOOD SUBSTRATE



T-11 VERTICAL SECTION
HEAD - FIXED LITE
CONCRETE / MASONRY SUBSTRATE



W-11 HORIZONTAL SECTION
LOCKSTILE INTO MULLION

PROJECT NO. 413-1203	SMC	DATE	BY
PER MIAMI-DADE COMMENTS 05/12/09	06/25/09		
PER MIAMI-DADE COMMENTS 05/12/09	06/09/09		BB
REV	DESCRIPTION	DATE	BY

VINTAGE IRONWORKS 4460 N. GOLDENROD RD., SUITE 102 WINTER PARK, FL 32792	DATE: 07/22/08	SCALE: N.T.S.	SHEET: 11 OF 15
TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM VERTICAL AND HORIZONTAL SECTIONS	DRAWN BY: CB	DRAWING NO: VIN0001	REV: C
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC P.O. BOX 320775 LONGWOOD, FLORIDA 32742	DATE: 07/22/08	SCALE: N.T.S.	SHEET: 11 OF 15

Robert J. Anonzo, P.E.
FL P.E. No. 49752

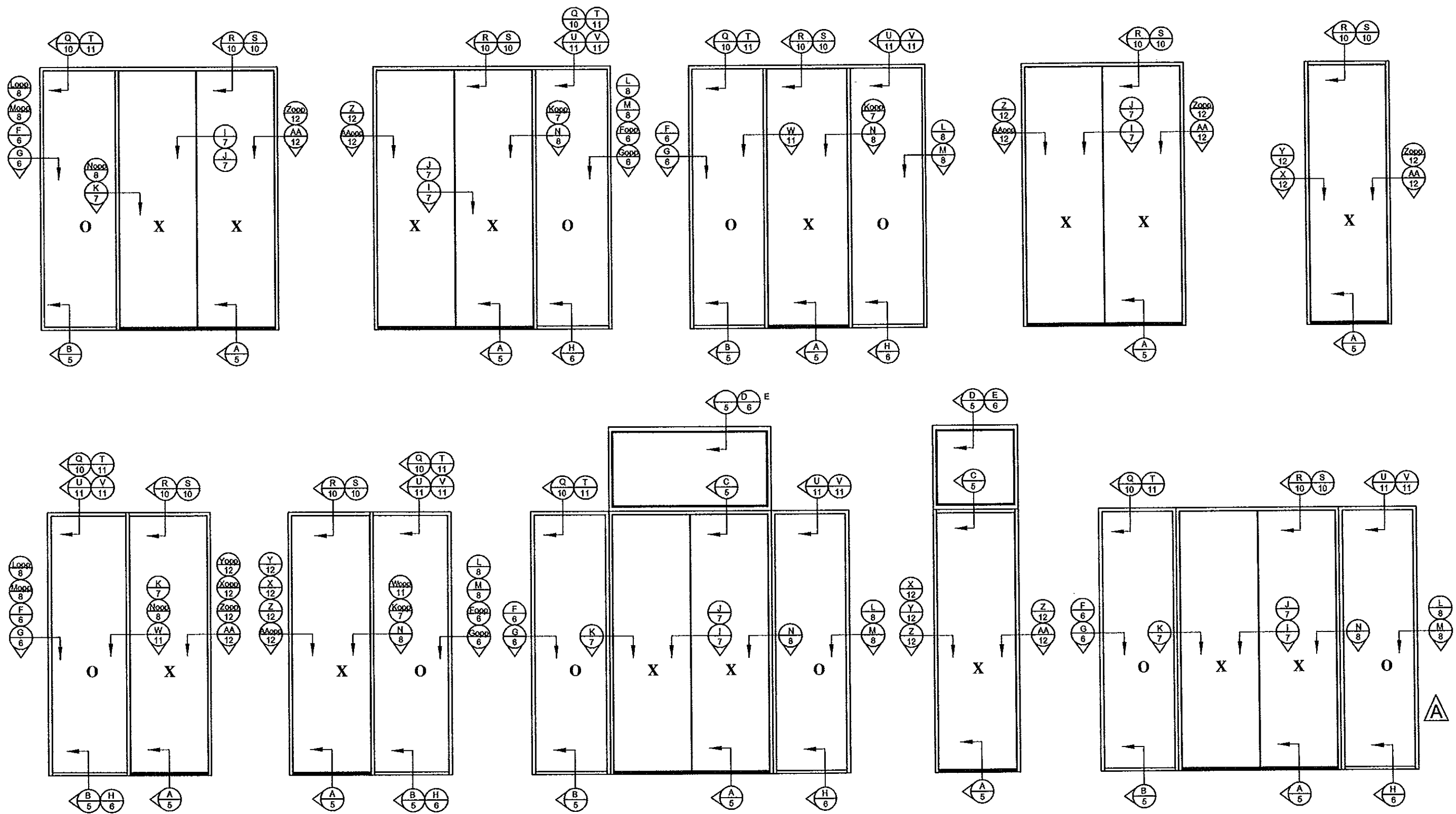
W. J. Anonzo

FBPE Certificate of Authorization No. 25935

PRODUCT RENEWED
as complying with the Florida
Building Code 14-0421.02
Acceptance No. 14-0421.02
Expiration Date 04/15/2019

By *W. J. Anonzo*
Miami Dade Product Control

QUALIFIED CONFIGURATIONS



NOTE: ALL QUALIFIED CONFIGURATIONS REQUIRE SURFACE BOLTS ON ALL DOOR PANELS.

PROJECT NO. 413-1203

VINTAGE IRONWORKS
4460 N. GOLDENROD RD., SUITE 102
WINTER PARK, FL 32792

PER MIAMI-DADE
COMMENTS 01/04/09

DATE
01/12/09

BY
SMC

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
QUALIFIED CONFIGURATIONS

DATE: 07/22/08
DRAWING NO: VIN0001
SHEET: 13 OF 15

PREPARED BY: N.T.S.
SCALE: CB
REV: A

DATE: 07/22/08
DRAWING NO: VIN0001
SHEET: 13 OF 15

Robert J. Amoruso, P.E.
FL P.E. No. 49752

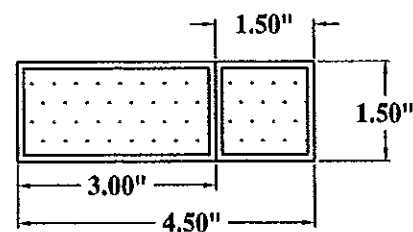
Signature: *[Handwritten Signature]*

FBPE Certificate of Authorization No. 25935

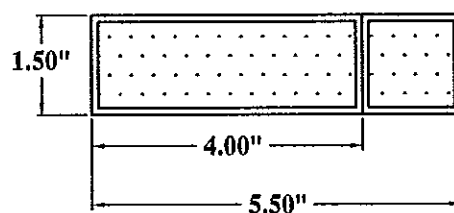
PRODUCT RENEWED
as complying with the Florida
Building Code 14-0321.02
Acceptance No. 14-0321.02
Expiration Date 01/04/09

By: *[Handwritten Signature]*
Miami Dade Product Control

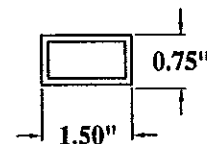
1 EXTERIOR FRAME
14 GA. STEEL



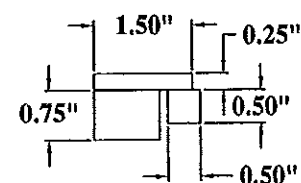
2 PANEL FRAME
14 GA. STEEL



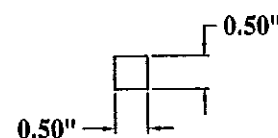
3 GLASS STOP
0.125" THICK



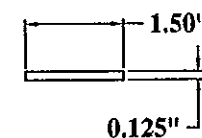
4 ASTRAGAL



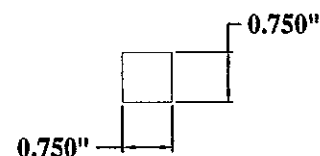
5 INTERIOR GLASS STOP



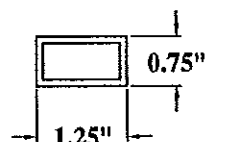
6 EXTERIOR GLASS STOP



28 EXTERIOR GLASS STOP

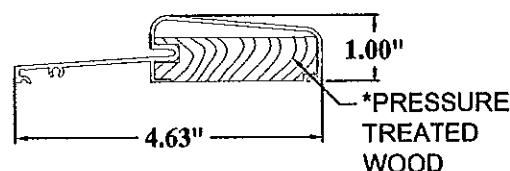


21 WEATHER STRIPPING SUPPORT
0.125" THICK



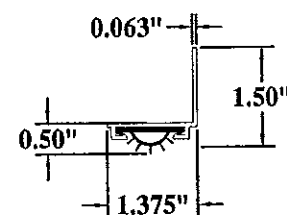
22 OUTSWING BUMP THRESHOLD

ALUMINUM
0.063" THICK

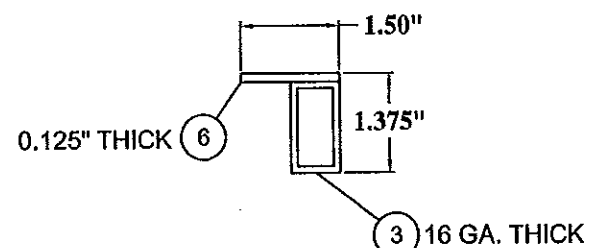


*SEE INSTALLATION
NOTE 12 ON SHEET 1

23 DOOR SWEEP



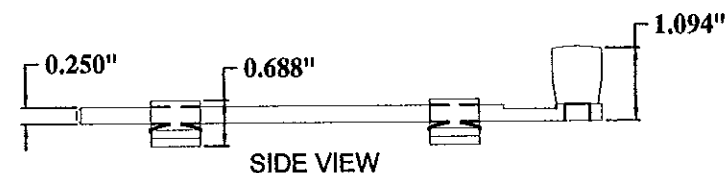
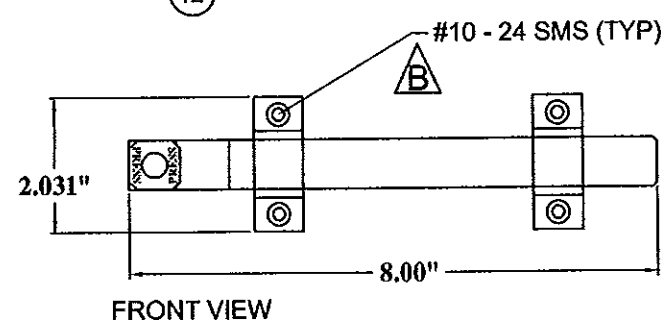
NOTE: THE COMBINATION OF ITEM# 3 AND #6
MAKES THE SIDELITE/ FIXED LITE GLAZING FRAME.



BILL OF MATERIALS				
NO.	PART NO.	DESCRIPTION	MATERIAL	MANUF.
1		EXTERIOR FRAME: 1-14 GA. RECTANGULAR TUBE 1.50" X 3.00" AND 1-14 GA SQUARE TUBE 1.50 X 1.50	**	
2		EXTERIOR FRAME: 1-14 GA. RECTANGULAR TUBE 1.50" X 4.00" AND 1-14 GA SQUARE TUBE 1.50 X 1.50	**	
3		GLASS STOP: 16 GA. RECTANGULAR TUBE 0.75" X 1.25"	**	
4		ASTRAGAL: 3 PCS. 1 EACH (1.00" X 0.75"), (1.50" X 0.25") & (0.50" X 0.50")	ASTM A36	
5		INTERIOR GLASS STOP 0.50" X 0.50" SQUARE BAR	ASTM A36	
6		EXTERIOR GLASS STOP 0.125" X 1.50" SOLID FLAT BAR	ASTM A36	
7		1.00" X 6.00" BARREL HINGE, CUSTOM	ASTM A36	
8	8231	DEAD BOLT LOCK PREMIUM GRADE 1	BRASS	BALDWIN
9	5405	DOOR LATCH PREMIUM GRADE 1 OR EQUIVALENT	BRASS	BALDWIN
11	550	INACTIVE PANEL FLUSH BOLT INTEGRAL LOCK 1.00" X 1.00" X 6.75"	BRASS	ROCKWOOD
12	580-8	SURFACE BOLT 8.00" LONG IVES #453 OR #454 OR EQUAL	BRASS	ROCKWOOD
13		GLASS PANEL HINGE (OPTIONAL) CUSTOM, 0.625" X 2.625	ASTM A-36	
14	2589B	GLASS PANEL LOCK (OPTIONAL)	BRASS	CRL
16	Q106D	WEATHERSTRIPPING, KERF	FOAM	PEMKO
17		5/16" ITW TAPCON W/ 1.75" MIN. EMBEDMENT	STEEL	ITW
18		#14 WOOD SCREW INSTALLATION ANCHOR W/ MIN. 1.50" EMBEDMENT	STEEL	
19		9/16" LAMINATED GLASS CONSISTING OF: 0.25" H.S. GLASS/ 0.100" SAFLEX HP INTERLAYER BY EASTMAN CHEMICAL CO./ 0.25" H.S. GLASS	GLASS	
20		.275" DOWEL	ASTM A36	
21		WEATHERSTRIPPING SUPPORT 0.75" X 1.25" RECTANGULAR TUBE	**	
22	8451DQ	OUTSWING BUMP THRESHOLD	6063 - T52	PEMKO

**A500, GRADE B OR A513

12 SURFACE BOLT



NO.	PART NO.	DESCRIPTION	MATERIAL	MANUF.
23	211DPK	DOOR SWEEP	6063 - T52	PEMKO
24		1/4-20 SMS SCREW	STEEL	
25		#10-24 SMS SCREW	STEEL	
26		0.125" X 1.50" BAR/STOP	ASTM A36	
27		1.50" X 1.50" X 1.75" BLOCK FLUSH BOLT RETAINING BLOCK	ASTM A36	CUSTOM
28		EXTERIOR GLASS STOP 0.75" X 0.75" SQUARE BAR	**	
29	60701	0.25" X 1.50" WEATHERSTRIPPING	FOAM	CRL
30		0.125" X 0.75" WINDOW LOCK CATCH	ASTM A36	CUSTOM
31		POLYURETHANE FOAM	FOAM	FOMO PRODUCTS
32		0.625" X 0.625" X 1.25" ASTM A36 ANCHOR BLOCK	ASTM A36	CUSTOM
33		0.125" X 1.25" FLATBAR GLASS TAB	ASTM A36	CUSTOM
34		0.125" X 1.25" GLASS PANEL SILL	ASTM A36	CUSTOM
35	995	DOW CORNING 995 SILICONE (GLAZING GLASS)	SILICONE	DOW CORNING
36		STRIKE	STEEL	ROCKWOOD
37		#6 X 1" PFH SELF-TAPPING SCREW	STEEL	

PROJECT NO. 413-1203

REV	DESCRIPTION	DATE	BY
F	UPDATE TO 2014 FBC	04/13/14	RJA
D	PER MIAMI-DADE COMMENTS 07/01/09	07/15/09	SMC
C	PER MIAMI-DADE COMMENTS 05/12/09	06/25/09	SMC

VINTAGE IRONWORKS
4460 N. GOLDENROD RD., SUITE 102
WINTER PARK, FL 32792

TITLE: STEEL OUTSWING DOORS W/ & W/O SIDELITES & TRANSOM
COMPONENTS AND BILL OF MATERIALS

DRAWN BY:	DATE:	DRAWING NO:	SHEET:
CB	07/22/08	VIN0001	14 OF 15
SCALE:	N.T.S.	REV:	F



PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC
P.O. BOX 500775
LONGWOOD, FLORIDA 32752
Phone 321.680.1788
Fax 321.680.1789
Email: info@ptc-corp.com

Robert J. Amoruso, P.E.
FL P.E. No. 49752

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 14042102
Expiration Date 04/15/2019
By: [Signature]
Miami Dade Product Control



TABLE 1											
SOLID MIG WIRE: AWS ER70S-6 This is a copper coated, mild steel solid welding wire that is formulated with a high deoxidizer content to provide excellent welding performance with CO2 and argon rich shielding gasses. Ideal for short circuit transfer general fabrication welding. Produces an exceptionally smooth and stable arc with minimal spatter and offers good wetting characteristics that allow for uniform tie-in. It is a great choice for welding light to moderately scaled, oily or rusty plates. It can also be recommended for spray transfer arc welding applications.	TYPICAL APPLICATIONS Pressure vessels, pipe, shaft build up, tanks, farm implements, steel castings, auto body, collision repair and very thin sheet metal. Excellent choice when welding with wire feed speeds ranging from very slow to moderately fast.										
	Welding Positions All Positions										
	Shielding Gas CO2 or 75% Air / 25% CO2										
Typical Wire Chemistry Carbon .09 Manganese 1.55 Silicon .84 Phosphorus .011 Sulfur .015 Copper .115	Operating Range Amps <table border="1"> <thead> <tr> <th>Wire Dia.</th> <th>Amps</th> </tr> </thead> <tbody> <tr> <td>.023"</td> <td>35-70</td> </tr> <tr> <td>.030"</td> <td>50-100</td> </tr> <tr> <td>.035"</td> <td>100-150</td> </tr> <tr> <td>.045"</td> <td>150-200</td> </tr> </tbody> </table>	Wire Dia.	Amps	.023"	35-70	.030"	50-100	.035"	100-150	.045"	150-200
Wire Dia.	Amps										
.023"	35-70										
.030"	50-100										
.035"	100-150										
.045"	150-200										
Typical Mechanical Properties (AW): CO2 Tensile Strength (psf) 90,000 Yield Strength (psf) 73,000 Elongation % in 2" 25%	Approvals and Conformance AWS, A5.18, ER70S-6 *ASME SFA 5.18, F-6,A-1										

